

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/823,101

DATE: 04/23/2001
 TIME: 13:28:27

Input Set : A:\Dex-2051.app
 Output Set: N:\CRF3\04232001\I823101.raw

ENTERED

3 <110> APPLICANT: Pluta, Jason
 4 Chen, Sei-Yu
 5 Hu, Ping
 6 Recipon, Herve
 7 Macina, Roberto
 9 <120> TITLE OF INVENTION: Compositions and Methods for Diagnosing, Monitoring,
 10 Staging, Imaging, and Treating Stomach Cancer
 12 <130> FILE REFERENCE: DEX-0205
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/823,101
 C--> 15 <141> CURRENT FILING DATE: 2001-03-30
 17 <150> PRIOR APPLICATION NUMBER: 60/193,095
 18 <151> PRIOR FILING DATE: 2000-03-30
 20 <160> NUMBER OF SEQ ID NOS: 19
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 542
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
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 31 tcctaaggtt aagtgagggg aagggtctaga acaaaatagg aaaaagagaa aaaagagagg 120
 32 tcattagtgg ggaaggttag gccagagagc aggcagagac cacatgacct taatatggaa 180
 33 aacagaacat tcttgtgttag gtccactcat gctcagtgcc actgaaaaat ccagctctcc 240
 34 agttttctat atgcagagaa aaaggacagg aaggaaatat gccaaaatag tcacagtgat 300
 35 tttgtctgag tgggtgaatta tggctgattc tttgttcttt ttatatttcc aaatttttat 360
 36 aagagcacag aaatactttt aagaatttct gactacaaaa aattggtttt ttaattocct 420
 37 gtgccaagtt cagaaatatg ccataatgga acaagataac taaaagaaga aaactacctc 480
 38 aaggttaaaa aaaccaaaaa aaaaaaaaaa aaaaaaaaaa gggggggaaa caaggggcaa 540
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 49 gtcaggctct catagccaaa tactatggct tacagtcccg aggaagggga gatccaaacc 120
 50 ctggaagaag acaaggcagt agaagtgggc gagtgggagg caggaaaggt tgggtgacag 180
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 55 <211> LENGTH: 698
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 60 <221> NAME/KEY: unsure
 61 <222> LOCATION: (226)
 63 <220> FEATURE:
 64 <221> NAME/KEY: unsure

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67 <220> FEATURE:
68 <221> NAME/KEY: unsure
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73 ttgcctggat cttcttgtga gtctctgcta tgcctcctgg tcctagcgta tcctataatt 120
74 ctcaacagtc atatcgatga cagacaagca agtgcgtgga acgtgtggca tgcagttcac 180
W--> 75 gatgacgtgg tcaaccaaca tgagagcaca acttgtgtgt ccacantggt ttgaacagag 240
W--> 76 tatagcaciaa cgtgacntgt gnggagctat ccccgatggg gggacatgag tttttccccc 300
77 aaaaatttat ccacccacc aattaataac aagagatatt ttatatgagg ggggggggag 360
78 agagacggga cacaggaaat atcaacaagg aagatggata aacgaaaaca gaaatacaaa 420
79 aaacacatgc gcgtggttat ttttttttta ttaggcagga ggagattaca aatatgaaaa 480
80 gaagagagta atttattttt aaaggggggg gaataaggag agagtagaaa acaaaaatta 540
81 aagaacaaaa actatttttt tgggtggggg ggagggagg gacacgacga gagaataatt 600
82 atagtattat gcagctatga gagggagacg ccgagagaaa tatttagtgg ggggccgact 660
83 ataatagaaga aacaaaaata atctcaagta tacgccag 698
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87 <211> LENGTH: 509
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93 aaaaaaaaaa aaaaaaaaaa aaaaaaaccc ggggggaaac caggggacat agcgagtgtc 120
94 ccgggctgga aactgtggta cccggctaca aaactccaaa agaggaaaca ttgtcaacgc 180
95 gctccactac cgcgcacaca gctagagaaa cacatctact agaaactcac aacatatata 240
96 catagtacag agaaacgcca catagagcta ctgcataaa gtacaactgc gcaaagacac 300
97 gtatcagaga ctgacgagag aagaaacgac gacagaggag acaaaaccaac gagccagcgt 360
98 gagcgcgatg aggcagagcg cagatacccg aaagaaacgg ggaaaagaca gatgaaagta 420
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100 acagactgtg cagaagggtc gagggcgaa 509
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104 <211> LENGTH: 631
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106 <213> ORGANISM: Homo sapiens
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110 cttttttttt tttttttttt ttttttttta aaacaccccc cttttatttt ttagcagacg 120
111 caccacacaa aaaagggggg ggcgggtgaa aaaacaactc atgtggcctt tcgggggtca 180
112 acccaaggga gtagtttttt tgatgaaaaa aaaaacagga gaggaggata accaccacaa 240
113 aaagaggagg ggtgggcaag agaggagaat ccccaaaaaga tgccagagaa gacccccatt 300
114 ttgtgatgac gcttccccac acaccaagca atatgtgtgt gcggctcaca aaacatcccc 360
115 cctattaaaa agagggacat cagtcgaaag aaaagtccac acagcgtggg acccaaaggg 420
116 gacaacaccc cgtgtttttg agacaaaaac acacaggggg gccacacggc cggggggggc 480
117 caaaagaccg aatcacacac acggggggcg gccaaaatgg tgcccgact ccaccacgt 540
118 ggggaaaaatc ggagcaaaag ggctcgggag agaaagtgcc ccgccgccc aacacaaagc 600
119 acaccaaacy cccacgaca aaaaacaaca t 631
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123 <211> LENGTH: 108

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124 <212> TYPE: DNA
125 <213> ORGANISM: Homo sapiens
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129 ggttttccaa aagaaaaaaa aaaaaaaaaa aaaaaaaaaa aaagcgcg 108
132 <210> SEQ ID NO: 7
133 <211> LENGTH: 105
134 <212> TYPE: DNA
135 <213> ORGANISM: Homo sapiens
137 <400> SEQUENCE: 7
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139 tgtgctgctc ttgactag gatcaggccg cttctctga agctt 105
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143 <211> LENGTH: 388
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145 <213> ORGANISM: Homo sapiens
147 <400> SEQUENCE: 8
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149 agaataccag ggcggggcca tgcgcggacg gacaaagcaa ctctgctaa cgcaaagtct 120
150 gtcgcaggta gaagctacgc gggcctggag cagtgcgtac ccagccacga gtctggcccg 180
151 gatggaaaca ttgcgaggac gactgagcgg tacgtccagc taatgtggag tccgagtcgt 240
152 cggtacgcaa agctatgggg gtacactcat aggtgcatac gctagtcttc gctgtagtga 300
153 caatgggtca atacctggta cacaattgtc gcaacaatc gatactgacg catcaccaaa 360
154 tttccaaaac aaacataacg aacaaaaa 388
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163 <221> NAME/KEY: unsure ✓
164 <222> LOCATION: (33)
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176 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 120
177 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aggggggggg 180
178 gggggggggg ggggaggggg gggggggggg gggggggggg gcgcgcgcc cccccccca 240
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183 <211> LENGTH: 544
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 10
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189 gtaaagcctt cctatgtgcc aagaggaaga aacagagcat ggagttggac gtggctaggt 120
190 ggtgggtgtg cacggcgatg gagagagaag ggcataaagg gtcgtagaac gcatgaatgg 180
191 ggggtctaaga atgcttggat gtagattcat ggtacactag cgtgtattcc tgggtgtgac 240
192 aattcggtta tccgcgtcac acattccagc agcaacatac tgatgccaat ccagtgcacg 300
193 ctggatacgc acagcagcaa tcacgagctg gctgctctcc tttatggaca cagacctatc 360
194 aggcgtaacc tgtgcttggc tcctggtacc agccaattcg cacggctact tatgtaacac 420
195 acggcgcgagc tgattatcac ggactcaacc caggccaaaa cctacccta tatctataag 480
196 acggcgcgagt ttgcacggac gatcgctctc gcagctccag cagctcctta acagtgcac 540
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201 <211> LENGTH: 391
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207 tcagagtggt gggctcaaga gtggacttaa tgagggctgt ctcaagggtc tgtaataaat 120
208 aaacagagta agcagtcact aacaaaaaaaa aaaaaaaaaa aaaaaaaaaa gggtttgggg 180
209 gcggggcccc ctcccccccc attccgggcg tgtgtgtccc cgtgaaaaag gggcccaaat 240
210 atacactagt tccccggggg gagaaaacaa aaaaaacaaa aaacaaaaaa aacggggggg 300
211 gggaccccg gggaccaaca ggggagccgg gggggagaaa gggggacccc gggccaaaaa 360
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216 <211> LENGTH: 638
217 <212> TYPE: DNA
218 <213> ORGANISM: Homo sapiens
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222 cttgggcccgt ttaaaaaatg gaaaagcact gaaagtgcac gcgggggagg aaaaaaccaa 120
223 aaaaacagat aaaaagtgga gggggccgag ggtgggggga atacaccaa tttctctcc 180
224 cgagggagga gtccccaca gcgcgcccc tccccagtga gtgtgttggc accccaaaca 240
225 cggggcgggc tgactcccc cgctgacat agttcgtgga atcttgccag acttgggtgt 300
226 accctccctt tatcgtttta tttctttccc cctcaaaaat gggctggtgt ccttctccga 360
227 aggtgtcccc ccaagggggc cggggctgga gagggggggg ggggattctc tcccccggtg 420
228 caaggtatct cctcatatcc ggtttctcct ctccaattt ttcccagg ggcggcgcc 480
229 gtgggtgggt ttggccccac cccaactttt gttcgtgtta cagggttttc ccgggggggc 540
230 ccgaggtttt tttccctgtt ctctccctg tttcaaggcg ctttgtggcc caatgtcttt 600
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235 <211> LENGTH: 270
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
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240 <221> NAME/KEY: unsure /
241 <222> LOCATION: (266)
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244 <221> NAME/KEY: unsure
245 <222> LOCATION: (270) /
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249 tttttttttt ttttttcccc cgtgggagca cacggtcaat ttgggggcca ggtctcccgg 120
250 gggagcaggg cgcgggaggg gggggtggag cagggggcaa cgccccagga acgcggggcg 180
251 acacacaggg gacaaagggg ggggtcccgtg, tggggaaatg gtgtaccggg ccacaaattc 240
W--> 252 cccacaacaa taaacagaca agtcantctn 270
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257 <212> TYPE: DNA
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260 <220> FEATURE:
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267 <210> SEQ ID NO: 15
268 <211> LENGTH: 23
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
275 <400> SEQUENCE: 15
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281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
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292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
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306 <213> ORGANISM: Artificial Sequence
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317 <212> TYPE: DNA
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320 <220> FEATURE:

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VERIFICATION SUMMARY

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Input Set : A:\Dex-2051.app

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L:14 M:270 C: Current Application Number differs, Replaced Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:75 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:75 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:76 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:3
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:175 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:9
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:179 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:9
L:179 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:252 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:13
L:252 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13